

THE TECH

VOL. XXVII. No. 38

BOSTON, MASS., FRIDAY, JANUARY 3, 1908

PRICE THREE CENTS

COPLEY HALL PLAN FURTHER INDORSED.

1910, 1911, Y. M. C. A., AND TECH SHOW.

Meetings and Resolutions Help to Express Sentiments.

That Technology undergraduates are strongly in favor of the Copley Hall plan for a temporary Walker Memorial is further demonstrated by the action of the two lower classes, the Y. M. C. A., and the Tech Show.

At the 1910 class meeting Wednesday Pres. Saul spoke of the proposed plan and of the attitude taken by the upper classes and other organizations, and asked for discussion of the matter. As no one seemed opposed to the plan, there was no discussion and it was voted that Saul select a committee to act for the class.

At the Freshman class meeting yesterday motions were passed in favor of the plan. Pres. Kimball was authorized to select a committee to act with committees from other classes in drawing up resolutions for presentation to the corporation, the alumni, and the Walker Memorial Committee.

At the weekly Y. M. C. A. meeting yesterday J. N. Stephenson introduced the subject of the proposed use of Copley Hall as a temporary Union and Walker Memorial and outlined briefly the advantage of having real Y. M. C. A. quarters, especially in such a place as the transformed Copley Hall will afford.

A committee was appointed by the president to draw up a set of resolutions, expressing the views of the association in regard to this matter. The committee consists of J. N. Stephenson, J. N. Brooks, and J. G. Reid.

Tech Show has expressed itself with the following resolutions:

WHEREAS: A movement has been started by the Board of Editors of The Tech to have Copley Hall, owned by the Massachusetts Institute of Technology, put to use as a temporary Walker Memorial Building, until some permanent Memorial may be erected; and

WHEREAS: The Tech Show feels that the student body in general would benefit greatly through some such adequate place of gathering; and

WHEREAS: The Tech Show is in need of improved quarters for rehearsals and the transaction of business; be it

RESOLVED: That the Tech Show vigorously endorse this movement; and be it

RESOLVED: That The Tech Show shall give its hearty support and co-operation toward obtaining Copley Hall as a temporary Walker Memorial; and be it further

RESOLVED: That a copy of these resolutions be given The Tech for publication.

FRED A. DEWEY,
General Manager.
G. A. JOSLIN,
Stage Manager.
CURTIS C. WEBB,
Business Manager.

NEW CATALOG CONTAINS CHANGES.

Important Alterations in Courses I, VI, And VII.

The new catalog is essentially the same as that of a year ago, but contains some changes of interest to all the students.

The calendar is much more complete this year, containing nearly a page of additional information which will be very helpful. The changes in the corporation and faculty have already been dwelt upon at length and need not be considered here. The course schedules have been altered to some extent. Course I completes applied mechanics in the first term of the third year and gets additional work in astronomy and structures in the second term. Course VI has dropped German in the second year and now includes more extensive study in mechanism and M. E. drawing, and a course in applied mechanics. In the fourth year surveying and telephone engineering have been dropped and electric

Continued on page 2.)

SUNDAY IS TENTH ANNIVERSARY OF PRESIDENT WALKER'S DEATH.

BUST IN ROGERS CORRIDOR IS EVIDENCE OF AFFECTION OF GENERAL WALKER'S
LAST FOUR CLASSES.

Student Memorial Brings To Present Undergraduates Something of Pres. Walker's
Personality as His Students Knew It.

FRANCIS AMASA WALKER. SOLDIER ECONOMIST STATISTICIAN.

Born in Boston on the second day of July, 1840. Early youth passed in North Brookfield, Mass. Graduated from Amherst College in 1855.

Enlisted in the war of the rebellion on the Union side as sergeant-major in the fifth regiment of Massachusetts volunteers. Captured and exchanged. Received the rank of Brevet Brigadier-General after the battle of Gettysburg.

Chief of Bureau of Statistics in 1869. Superintendent of the ninth and tenth censuses. Professor of political economy and history at Sheffield Scientific School in 1873. Became President of the Massachusetts Institute of Technology in 1881. Died on the fifth day of January, 1897.

On Jan. 5, comes the 10th anniversary of the death of General Francis Amasa Walker, President of the Institute for 16 years.

In the main hall of Rogers, near the President's office, is an enduring evidence of the affection of General Walker's last four classes. This was unveiled on Jan. 5, 1898, after brief exercises in Huntington Hall, attended by the undergraduates and invited guests.

A year before on the 5th of January, 1897, President Walker died, and on the 7th of the same month a mass meeting of the students was held in Huntington Hall to adopt resolutions expressing the grief of the undergraduate body. It was voted at this meeting that a committee of three make arrangements for a student memorial. The committee decided to secure the erection of a bust of President Walker as the most fitting memorial within the power of the students. The bust was executed by Mr. D. C. French, an eminent sculptor and a personal friend of General Walker.

C. E. A. Winslow 1898, chairman of the student committee, now Assistant Professor of Sanitary Biology at the Institute, concluded, when presenting the bust of President Walker from the four classes, 1897, 1898, 1899 and 1900 to the Institute, with the following:

"And we ask you to let this bust

of President Walker stand in the corridor. Mr. President, because we want the students of the future to know something of his presence as we knew it. General Walker, while he lived, was not content to be merely a great name to his pupils; he must not become so now. His personality, which knit every Institute man to itself with special individual bonds, must never fade from memory.

"As you look upon the enduring bronze below, transfigured by the touch of a compelling art, you will feel that this personality is with us once again. You will see in that eloquent face the courage which was undaunted by the rout of Chancellorsville; the energy which revolutionized the United States Census; the broad clear vision which established an epoch in political economy; the loyalty and devotion which built up this institution; the modesty, the hopefulness, the enthusiasm, which made President Walker our ideal of all that we hold true and manly.

"As we see his firm, clear gaze looking into the future, we are assured that his spirit is with us at Technology; and that the Institute which he so loved will go on advancing in the path which he has set for it, glorifying not in wealth and mere material prosperity, but chiefly in its unswerving loyalty to the great men and traditions of its past."

TRACK SUPPORT EXCEPTIONALLY POOR.

FEW CANDIDATES FOR POSITION OF
TRACK MANAGER.

Only Three Men Have Entered
Competition.

Track work is receiving very poor support this season. Very few of the veterans have come out for the team and with the B. A. A. games only a month away the outlook is discouraging in the extreme.

Another indication of the same thing is the poor response that has been brought out by the announcement of the competition for the position of track manager. Up to the present time only two sophomores and one freshman have come out for the position.

This is a very small number, and with conditions as they are now many should take advantage of the splendid opportunity.

(Continued on page 3.)

PORTFOLIO NOMINATIONS.

Voting Ceases Monday.

The senior portfolio committee nominations are as follows: M. E. Allen, W. E. Barton, J. C. Brooks, S. H. Daddow, R. W. Ferris, H. Webb, E. I. Williams, G. S. Witmer.

Ballots will be distributed today by the members of the election committee, and will be due at 4 o'clock Monday at the Cage. All seniors are urged to get their ballots in on time.

ALUMNI ASSOCIATION ELECTS OFFICERS.

W. B. SNOW IS PRESIDENT.

Term Members of Corporation Chosen.
Heavy Vote Cast.

The following five were selected in the recent election of candidates for alumni term-members of the Corporation: James W. Rollins 1878, Arthur Winslow 1881, Arthur D. Little 1885, Everett Moss 1885, Arthur T. Bradlee 1888. Three of these will be elected to the Corporation by that body at its March meeting.

This is the third election of candidates for term membership, 985 ballots being cast.

In the election of officers those selected were: President, Walter B. Snow 1882; Vice-President, Albert F. Bemis 1893; Secretary, Walter Humphreys 1897; Executive Committee, Howard L. Coburn 1887, W. Spencer Hutchinson 1892; Nominating Committee, Charles T. Main 1876, Allyn L. Merrill 1885, Andrew D. Fuller 1895; Committee on School, Henry Souther 1887; Advisory Council on Athletics, J. Arnold Rockwell 1896.

A fine series of talks is promised at the annual dinner of the alumni association on January 10. The guests and speakers will be His Excellency Curtis Guild, Jr., Governor of the Commonwealth of Massachusetts, Dr. John H. Finlay, President, College of the City of New York; Dr. Arthur A. Noyes 1886, Acting President of the Institute; Joseph P. Gray 1877, President, Boston

BOTH BASKETBALL TEAMS DEFEATED.

TUFT 1ST WINS 25-21.

Tech 2d Loses 30-13. Institute Meets
Worcester Tech Tomorrow at Gym.

Tech lost two basket-ball games to Tufts at Medford Wednesday, the score of the first teams being 25 to 21, and the second teams 30 to 13.

The first game was close and exciting. Tech started scoring and kept the lead throughout the first half, at the end of which the team was two points in the lead. In the second half, however, Tufts took the lead and held it to the end of the game. Dickinson and Gatchell were the stars for the home team, while Nichols and Cahill did the best work for Tech. The summary:

TUFTS M. I. T.
Seede, rf lb Nichols
Dickinson, lf rb Lamont
Gatchell, c c Wentworth
Wallace, rb lf Cahill
Hatch, lb rf Hargrave

Score, Tufts 25, M. I. T. 21. Goals from floor, Seede 2, Gatchell 5, Dickinson 3, Cahill 4, Lamont 3. Goals from fouls, Dickinson 5, Cahill 7. Referee, Knox. Scorer, Shattuck. Timer, Wilson. Time 20m halves. Attendance, 300.

The second game was also close in the first half, Tufts leading by only three points at the end of it; but in the second half the home team ran away with Tech second, scoring 20 points, while the latter made but six. Atwood and Gordon played the best game for Tufts while Dillon did good work for Tech. The summary:

TUFTS 2D TECH 2D
Ritschy, rf lb Parveloid
Kimball, rf
Gordon, lf rb Ruckman
King, c c Greene
Atwood, c

Sheehy, rb lf Dillon
Hubbard, lb rf Johnson

Score, Tufts 2d 30, Tech 2d 13. Goals from floor, Gordon 5, Sheehy 2, Ritschy, Hubbard, Atwood 3, Kimball 3, Johnson 2, Dillon 2, Greene, Parveloid. Goal from foul, Dillon. Referee, Knox. Scorer, Shattuck. Timer, Wilson. Time, 15m. halves. Attendance, 300.

Tomorrow night Technology lines up against Worcester Polytech in the second home basket-ball game of the season. There will be two games, and a large attendance is looked for. Technology is handicapped by an injury to Parker, the Freshman guard. He was hit in the thigh with a 16-pound shot, and narrowly escaped a broken limb. Lamont 1908 will fill his place.

Tech's line-up is as follows: First team—Cahill H. Hargrave rf, Wentworth c, Nichol lg, Lamont rg. Second team—Dillon lf, Johnson rf, Greene c, Ruckman lg, Parveloid rg.

TECHNOLOGY CLUB MEETS.

Several Men Proposed For Membership.

On the fifth evening of the season of the Technology Club, last Tuesday, Mr. Henry C. Wilson gave an illustrated lecture on Rome.

The following men have been proposed for membership: Harold E. Weeks 1908, Keyes C. Gaynor 1909, Myron M. Davis 1909, Harold A. Kingsbury 1907, Joseph G. Reid 1908, Homer C. Bender 1909, Harry H. Groves, Jr., 1904, Spencer B. Lane 1910, Bernard S. Leslie 1908, Fred. A. Dewey 1909.

TRIP TO PORTSMOUTH.

Musical Clubs to Give Benefit Concert.

This evening the Musical Clubs leave the North Station for Portsmouth, at 6 o'clock. All the men will be taken, and the clubs will remain in Portsmouth over night.

A concert will be given, under the auspices of the girls of the senior class, for the benefit of the Portsmouth High School. The girls will lodge the men. It is possible that another concert will be given, and the fellows are looking for a general good time.

THE TECH

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Friday, January 3, 1908.

IN REGARD TO COMMUNICATIONS

The Board of Editors of The Tech wish it to be understood that the columns of the paper are open to anyone connected with the Institute, for Communications. In this volume, in order to prevent abuses of this right, the Board has decided to print only those communications that are signed.

ALL TOGETHER.

Things are moving. The project to use Copley Hall for the good of the students is under way. Whether the movement will be a success or not depends on the students themselves; or not to be impersonal, its success depends on the individual man who is reading this; depends on you.

Almost without a doubt if the students show the Corporation and the Faculty and the Walker Memorial committee that they are strongly in favor of the new arrangement, that they will work for it and support it enthusiastically now and hereafter, the movement will be successful. Otherwise, if the students act merely lukewarm and only show passive approval, Copley Hall will be used as in the past. For although the students are of course tremendously strong in their desire for better and broader conditions, the corporation and the Memorial committee cannot be expected to realize the intensity of this desire unless it is shown. The scheme involves considerable cost to the Institute and the payment of a large amount of money by the Memorial committee. It is certain that these expenditures will not be made unless those in charge feel sure that the new arrangement will after completion receive enthusiastic support from the student body as a whole. In fact it would be plainly poor policy for the Institute and the committee, at considerable sacrifice, to give the student body something that it did not very much want.

Without question the students are sincerely, are unanimously back of the new

plan. They will support it heart and soul. The point is that they must make their backing evident. The individual man, the reader of this, you, must feel your usefulness. You want this thing. Then use your influence; push it through; make your support be seen. On you, collectively, depends success.

NEW CATALOGUE CONTAINS CHANGES.

(Continued from page 1.)

lighting and power transmission substituted. Course VII has been revised and geology changed from the third to the second year. The changes in the other courses are relatively slight.

The graduate work is treated in much closer details and a graduate year schedule for each course is shown. Most of the additions to the subjects of instruction are connected with the graduate work, although some of the undergraduate courses have been altered.

The changes in graduate work; the establishment in each course of definite groups of graduate studies which will lead to the degrees of master of science, doctor of philosophy, and doctor of engineering show that the Institute is now a scientific institution of university scope. Of the graduate courses, sixty are entirely new.

New, more advanced courses in alternating current machinery are announced. Advanced work is given in structural design, especially in re-enforced concrete. A year's graduate work, completing the senior course in hydraulic engineering, considers water-power with special attention to the study of rain-fall, run-off, storage and delivery of water, and design and construction of irrigation. The second half of this course treats water control from the point of view of navigation, especially in harbors and canals. A course in dairy bacteriology considers the problem of milk supply for large cities in all its details of sanitary control, pasteurizing, transportation, distribution, refrigeration, etc. A course by Prof. Sedgwick treats of the natural history of epidemics in relation to water and milk supplies and sewerage.

Many of the new courses are continuations of undergraduate work. Senior work in steam engineering is prolonged into graduate study of gas engines as competing with steam engines. A graduate course in railroad engineering follows up a more technical course with a year's treatment of railroad economies.

Others among these new courses meet the larger problems of the "captains of industry." A half year's study is offered in discussion of the application of contact and other law to specifications commonly used by engineers. An interesting example of such a course is offered in electrical engineering, on the relation of public service companies to the government and to the people, the methods of organizing such companies, the legitimate expense, the management in its commercial aspect, and the legitimate functions of such companies. The instruction from the engineering department will be supplemented by that from the economic department, considering the topics from the view of public interest. The timeliness of such study is evident.

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TRACK SUPPORT.

(Continued from page 1.)

nity to try for the position. There is still a good chance for any one who will come out and do hard work, as up to the present time little work has been done in the competition.

Any men who wish to avail themselves of this opportunity should communicate with the track manager immediately by leaving a note at the Cage indicating their candidacy for the position.

The date of the annual indoor inter-class games which are to be held in the Gym has been postponed until Friday, January 10, on account of the original date coming so soon after the close of the Christmas vacation. The meet will be run off on the evening of that day and all the regular indoor events will be contested.

1911 MANAGERS.

Business regarding the election of next year's managers of the class teams was settled at the Freshman class meeting yesterday. Nominations for football, track, and tug-of-war managers must be left at the Cage before 1 o'clock Saturday, addressed to 1911 Class Directors.

Roger M. Spencer has been appointed manager of the class baseball for the coming spring.

KINNICUTT ON WATER SUPPLY.

Professor L. P. Kinnicutt 1875 is conducting important investigations of the reservoir and brook waters of the city of Worcester. These waters, which constitute the water supply of the city, are subjected to a sanitary analysis, including a chemical and a bacteriological examination. The new sanitary laboratory where these water analyses are made has been fitted with entirely new apparatus, and is probably one of the finest laboratories in the United States.

INSTITUTE INSTRUCTOR ON LINCOLN.

Mr. Truman H. Bartlett, instructor in modelling at the Institute and author of important works on Rodin, Brimmer, and Millet, has written an essay on the portraits of Lincoln which has just been published in connection with a biographical essay on Lincoln by Carl Schurz.

ALUMNI ASSOCIATION ELECTS OFFICERS.

(Continued from page 1.)

Manufacturers' Mutual Fire Insurance Company, and Francis R. Hart 1889, Treasurer of the Institute.

Preceding the dinner will be held the annual business meeting of the association at 6 P.M. at the Hotel Brunswick. At the meeting will be read the reports of the Advisory Council on Athletics, the committee on school, the executive committee and the Walker Memorial committee, together with other reports.

The dinner will be one hour later in the same hotel. A cordial invitation is extended by the association to all past students, whether members of the association or not, to be present at the dinner. The cost of the dinner will be \$2.00 per plate.

TECH MAN R.R. PRESIDENT.

Samuel M. Felton 1873, former president of the Chicago and Alton Railroad, has been elected president of the Mexican Central Railway Company. Mr. Felton is noted as a railroad man and had been at the head of the Alton road since 1899. In 1868 he began his railroad career, and he has been connected in official capacity with 16 different railways.

PROF. WINSLOW ON LAW.

Assistant Professor Winslow is author of a treatise on the work done for health and safety through the various law-making bodies during 1906. This is printed in the Year Book of Legislation published by the New York State Library.

NOTICES.

SENIOR PORTFOLIO COMMITTEE.
—Ballots are due at the Cage before 4.00 P. M., on Monday.

1911 FOOTBALL.—Meet tomorrow, 1.15 P. M., at Chickering's, 31 West St., for picture. Bring suits and sweaters.

TEXAS CLUB.—Meeting at the Union tonight at 7.30. Important meeting for election of officers followed by a smoker.

The Technology Review

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OF TECHNOLOGY

AND
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The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

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NOTICES.

TECH SHOW.—Men who expect to write music for the Show will meet Stage Manager, G. A. Joslin, in 34 Rogers at 4.30 today.

CHESS CLUB.—Important meeting of the Chess Club this afternoon in 26 Rogers. Officers will be elected and new men are especially invited to join.

CIVIL ENGINEERING SOCIETY.—Dinner at the Union Wednesday evening at 6.30. Mr. W. S. Johnson, a member of the A. S. C. E., will speak on the disposal of sewage and factory waste.

CLASS OF 1911.—Nominations for managers of 1911 football, track, and tug of war teams for next year should be handed in at the Cage for Mr. Stamper before 4.00 P. M. Wednesday. All nominations must be signed by 10 names.

MUSICAL CLUBS.—All members of the Glee, Mandolin and Banjo Clubs leave North Station for Portsmouth concert tonight on 6.00 train. Dress for concert before leaving Boston, but take your other clothes along as you stay away over night.

CLASSIFIED ADS.

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